

# ANESTHESIOLOGY

## Volume 7

### INDEX TO SUBJECTS

\* Asterisk indicates titled subjects of articles

- Acetaldehyde, in ether, 602  
Airway, during resuscitation, 77  
Age, effect on lethal hypothermia, 518\*  
Alcohol, injection, dangers, 172  
Alcoholism, effect of methedrine on, 2  
Allergy,  
    ether, 84  
    morphine, 84  
Alpha-lobeline, effect in resuscitation, 76  
Altitude, effect on oxygen intake, 623  
Amphetamine, compared to methedrine, 1  
Anesthesia,  
    after war injury, 644\*  
    Bier's method modified, 558\*  
    block,  
        cervical sympathetic, 171  
        continuous caudal, 355\*  
        lumbar sympathetic, 171  
        meningitis following, 422\*  
        records for, 151  
        stellate ganglion, 671\*  
        sympathetic, 161\*, 422  
    choice of, in heart disease, 268\*  
    continuous spinal, 631\*  
    effect on action of intravenous procaine, 113  
    ether-air, 32\*  
    ether vapor, 321\*  
    for Blalock operations, 477\*  
    for dentistry, 627  
    for face operations, 233\*  
    for long operations, 24\*  
    for obstetrics, 355\*  
    for pulmonic atresia operations, 477\*  
    for thoracic surgery, 32\*  
    for tracheo-esophageal operations, 317\*  
    for war wounded, 646  
    frontiers of, 132\*  
    history of, 132  
    intratracheal, 32\*  
        in infants, 659  
    intravenous, Bier's regional, 558\*  
    local (see anesthesia, block)  
    lumbar sympathetic, meningitis following, 422\*  
    records, 146\*, 606\*  
    regional, (see anesthesia, block)  
    signs of, with pentothal, 536\*  
    spinal,  
        complications, 296\*, 419\*, 568  
        continuous, 631\*  
        effect of methedrine on, 1  
        effect on prothrombin level, 276\*  
        fatalities, 78  
        oethenyl with, 62\*  
        persistent, 419  
        unilateral, 204  
        vasopressor drugs with, 176  
        with pontocaine-dextrose, 499\*  
    sympathetic,  
        complication of, 422\*  
        repeated, 161\*  
    theory of, 618  
    topical, before intubation, 236  
Anesthesiology, 668\*, 676\*  
    graduate education in, 561\*  
    in veteran's administration, 310\*  
    organization and, 198\*  
    statistical systems in, 146\*  
Anesthetics,  
    choice of, for war wounded, 648  
    topical, 255\*  
Anesthetists, relation with surgeon, 204  
Anoxemia, 166, 616  
Anoxia, 616  
    causes, 620  
    during anesthesia, 69, 619  
    effect of analeptics on, 76  
    fetal, 9\*  
Apnea, oxygen test, 622  
Apparatus,  
    arm support, 569\*  
    combustible gas indicator, 203  
    ether administration, 83\*, 206, 321  
    intratracheal tubes,  
        marking of, 678\*  
        measured, 443  
        measurements of, 661  
    laryngoscope, 205  
    oxygen analyzer, 82\*  
    rotameter, 549\*  
    Stanford vaporizer, 32  
    suction catheter, 445\*  
    syringe, continuous spinal, 632  
Arrhythmias, treatment with procaine, 113\*

- Asphyxia, 616
- Atelectasis, during operation, 635\*
- Atropine sulfate,
  - effect on prothrombin level, 282
  - for children, 612
  - poisoning, 566\*
  - prostigmine antagonism, 569
- Barbiturates,
  - effect on liver, 263
  - for children, 612
- Blood,
  - gases, effect of pentothal on, 505\*
  - storage, 126
  - sugar, effect of pentothal on, 405\*
  - transfusion,
    - after injury, 645
    - dangers of, 122\*
    - donors, 122
    - reactions, 129
    - safeguards, 122\*
    - service, 122\*, 446\*
- Blood pressure,
  - after caudal anesthesia, 369
  - before operation, 645
  - effect of oenethyl, 62\*
  - effect of pituitary extract and ephedrine, 176
  - effect of vasoconstrictor drugs, 1
- Brain,
  - during pentothal anesthesia, 536
  - effect of anoxia, 8, 617
- Bronchi, effect of oenethyl, 64
- Butyn, topical application, 256
- Carbon dioxide, danger in resuscitation, 76
- Carbon dioxide absorption, 375\*
- Cerium oxalate, effect on vomiting, 526\*
- Children, premedication for, 611\*
- Circulation,
  - effect of methedrine on, 2
  - effect of morphine on, 44\*
  - effect of oenethyl on, 64
  - effect of pituitary extract and ephedrine on, 176
  - effect of position on, 44\*
- Codes, for anesthesia statistics, 146\*, 606
- Complications,
  - after continuous caudal block, 369
  - after intubation, 416\*
  - after maxillo-facial surgery, 248
  - after pentothal anesthesia, 84
  - after pulmonic stenosis operations, 483
  - after spinal anesthesia, 296\*, 419\*
  - after sympathetic block, 422\*
  - anesthetic, 69\*
  - circulatory, 71
  - during operation, 635\*
  - edema of larynx, 245, 416\*
  - fat embolism, 291\*
  - neuropsychiatric, 296\*
  - postoperative heat stroke, 303\*
  - pulmonary, 70
- Convulsions,
  - ether, curare therapy of, 299\*
  - fetal anoxic, 8\*
  - from curare, 195
- Coramine, effect on resuscitation, 76
- Coronary artery, disease of, effect on anesthetic choice, 268
- Curare,
  - anesthesia produced by, 194
  - anticurare factor, 192
  - convulsions produced by, 195
  - effect after shock, 522\*
  - effect on central nervous system, 427
  - effect on intestine, 26, 195
  - histamine-like action of, 260\*
  - intramuscularly, 431
  - lethal dose of, 190\*
  - misconceptions, 14\*
  - pathology from, 190\*
  - therapeutic use of, ether convulsions, 299\*
  - with nitrous oxide anesthesia, 24\*
  - with nitrous oxide and cyclopropane anesthesia, 426\*
- Cyanosis, 618
  - during ether-air anesthesia, 38
- Cyclopropane,
  - dangers, 322
  - with nitrous oxide and curare, 426\*
- Deaths, operating room, 651\*
- d-desoxyephedrine (see methedrine)
- Demerol, for children, 612
- Dextrose with pontocaine-ephedrine, 499\*
- Dihydro-beta-erythroidine, 26
- Diothane, non-irritant qualities of, 257
- d-phenylisopropylmethylaniline (see methedrine)
- Drugs,
  - analeptic, use in resuscitation, 76
  - dosage, for children, 612
  - topical anesthetic, 255\*
  - vasoconstrictor, 1
    - with caudal anesthetic, 359
    - in spinal anesthetics, 500
  - vasopressor, 176
    - with spinal anesthetics, 62\*
- EA-1 (see oenethyl)
- Edema, laryngeal, 245, 416\*
- Embolism, fat, 291\*
- Ephedrine,
  - comparison to methedrine, 1
  - with pituitary extract, 176\*
  - with pontocaine-dextrose, 499\*
- Epilepsy, relation of anoxia to, 9
- Ethanesal, 601
- Ether, 599\*
  - Cotton process, 601
  - ethyl,
    - allergy, 84
    - apparatus for administration of, 83, 321
    - convulsions, curare therapy, 299\*

- effect on prothrombin level, 276\*
- impurities, 599\*
- with air, 32\*, 206\*
- Ether peroxide, 602
- Explosimeter, 203
- Fainting, of blood donors, 123
- Fat embolism, 291\*
- Fatalities, under anesthesia, 71, 651\*
- Fluids, supportive therapy with, 37
- Glucose, intravenously after pentothal, 410
- Hayfever, effect on blood donation, 123
- Heart,
  - diseases of, choice of anesthetic, 268\*
  - effect of atropine on, 612
  - effect of oenethyl on, 64
  - effect of procaine intravenously, 113\*
- Heat,
  - in gas machines, 203
  - stroke, postoperative, 302\*
- Hypothermia, effect of age, 518\*
- Hypoxemia, 616
- Ice, in gas machines, 203
- Infants, permedication for, 614
- Inhalation therapy, records for, 149
- Intestine, effect of curare, 26, 195
- Intocostin (see curare)
- Intubation,
  - measured, 443\*
  - post-traumatic use of, 285\*
  - prolonged use of, 285\*
  - through compressed trachea, 444
  - without anesthesia, 240
- Ketones, in ether, 603
- Kidney, effect of oenethyl, 64
- Laryngoscope, infant, 205
- Larynx,
  - edema of, 245, 416\*
  - wounds of, anesthesia following, 242
- Levine tube, hazard of, 39
- Liver,
  - disease, pentothal anesthesia in presence of, 263\*
  - glycogen, effect of pentothal on, 405\*
- Maxilla, wounds of, anesthesia following, 243
- Mediastinal shift, 39
- Methedrine hydrochloride, 1\*
- 2, methyl amino heptane (see oenethyl)
- Methylbenzedrine, (see methedrine)
- Metopryl, 663\*
- Metrazol, effect in resuscitation, 76
- Metycaine, topical application, 255
- Morphine sulfate,
  - allergy, 84
  - dosage,
    - for children, 612
    - for war wounded, 646
  - effect on circulation, 44\*
  - effect on intestine, 26
  - effect on prothrombin level, 282
  - effect on response to tilting, 44\*
- Nasal cavity, wounds of, anesthesia following, 243
- Neosynephrin,
  - compared to methedrine, 1
  - in supportive therapy, 37
- N-methylamphetamine (see methedrine)
- Nerve, abducens, palsy after spinal anesthesia, 296\*
- Nitrous oxide,
  - dangers, 84, 322, 571\*
  - with curare, 24\*
  - with cyclopropane, and curare, 426\*
  - with oxygen, 616\*
  - with pentothal and oxygen, 505\*
- N-propyl methyl ether (see metopryl)
- Nupercaine, non-irritant qualities, 257
- Octin, 63
- Oenethyl hydrochloride, with spinal anesthesia, 62\*
- Opiates, for children, 611
- Oxygen,
  - accidents in administering, 39
  - alveolar, in therapy with, 399\*
  - analysis, apparatus for, 82
  - apnea test, 622
  - arterial, in therapy with, 399\*
  - intake, effect of altitude on, 623
  - therapy,
    - effectiveness of, 399\*
    - supportive, 38
    - want, causes, 69
    - with pentothal, effect on blood gases, 505\*
- Palate, wounds of, anesthesia following, 243
- Pentobarbital sodium,
  - effect on clotting time of blood, 279
  - effect on liver, 264
- Pentothal sodium,
  - before intubation, 33
  - effect on blood gases, 505\*
  - effect on carbohydrate metabolism, 405\*
  - failure to control ether convulsions, 300
  - for war wounded, 649
  - induction with, precautions, 571\*
  - signs of anesthesia for, 526\*
  - urticaria following use of, 84\*
  - use in liver disease, 263\*
- Peroxide, in ethers, 602
- Picrotoxin, effect in resuscitation, 76
- Pituitary extract, with ephedrine, 176\*
- Pontocaine,
  - for caudal anesthesia, 355\*
  - with dextrose-ephedrine, 499\*
- Position,
  - change of, effect on response to morphine, 44\*
  - effect on vital capacity, 29\*
  - for lumbar block, 171

- Posterior lobe extract, with ephedrine, 176\*
- Premedication,  
after war injury, 648  
for infants, 611\*
- Procaine, intravenously, therapeutic use of, 113\*
- Prostigmine,  
action of, 568\*  
after spinal anesthesia, dangers, 568  
atropine antagonism, 569  
poisoning, 569
- Prothrombin time, effect of anesthetics on, 276\*
- Pulmonic stenosis, operations for, anesthesia for, 477\*
- Pupil, effect of oenethyl, 67
- Records, anesthesia, 146\*, 606\*
- Refrigeration, lethal, effect of age on, 518\*
- Respiration,  
during nitrous oxide anesthesia, 620  
effect of analeptics on, 76  
effect of methedrine on, 3  
effect of morphine on, 44\*  
effect of oenethyl on, 65  
effect of position on, 44\*
- Resuscitation, 76  
frontiers in, 142  
of war wounded, 644\*
- Rotameter, 549\*
- Salt, anticurare effect of, 192
- Scopolamine,  
effect on prothrombin level, 282  
for children, 612
- Secondary saturation, 84
- Shock, curare for operations after, 522\*
- Silver nitrate, marking of rubber, 678
- Soda lime, clinical study, 375\*
- Splinting, of jaws, anesthesia following, 244
- Stanford vaporizer, 32
- Statistics, study records for, 146\*, 606\*
- Stellate ganglion, block of, 671\*
- Sulfur compounds, in ether, 602
- Suprarenin, in anesthetic solutions, 359
- Sympathetic nervous system, 161\*
- Symphysis menti, wounds of, anesthesia following, 242
- Technic,  
cervical sympathetic block, 171  
continuous caudal anesthesia, 361  
curare with nitrous oxide anesthesia, 25  
lumbar sympathetic block, 171  
stellate ganglion block, 671\*
- Temperature,  
body, effect of scopolamine, 612  
in gas machines, 203
- Tests, oxygen apnea, 622
- Tetany, of blood donors, 123
- Tetracaine, non-irritant qualities of, 256
- Tetraology of Fallot, effect on choice of anesthetic, 477
- Tilting, effect of morphine on responses to, 44\*
- Tongue, wounds of, anesthesia following, 242
- Trachea,  
compression of, 444\*  
measurements of, 661
- Tracheo-esophageal fistula, anesthesia for, 317\*
- Tracheotomy, anesthesia through, 242
- Tubocurarine, histamine-like action of, 260\*
- Tuamine, 63
- Urticaria, following pentothal administration, 84
- Veteran's administration, anesthesiology in, 310\*
- Vital capacity, effect of posture on, 29\*
- Vomiting,  
during anesthesia, 241  
dangers, 78  
postoperative,  
effect of cerium oxalate, 526\*  
effect of methedrine, 8

## INDEX OF AUTHORS AND TITLES OF ORIGINAL ARTICLES

	PAGE		PAGE
Adams, R. C.:		Barton, G. D.:	
A blood transfusion service; dangers and safeguards.....	122	Effect of pentothal alone and in combination with oxygen or nitrous oxide-oxygen on arterial blood gases.....	505
Adelman, M. H.:		Beckert, F. E.:	
Acute aseptic meningitis following paravertebral lumbar sympathetic blocks...	422	Curare and nitrous oxide anesthesia for lengthy operations.....	24
Adriani, John:		Beecher, H. K.:	
Efficiency of oenethyl (2, methyl amino heptane) as a vasopressor substance for spinal anesthesia.....	62	Resuscitation and anesthesia.....	644
Anderson, B. M.:		Belinkoff, Stanton:	
Use of methedrine as a vasoconstrictor with spinal anesthesia.....	1	Choice of anesthesia in cardiac disease.	268
		Belton, M. Kathleen:	
		Premedication in infants and children..	611

Beutner, R.: Search for the least irritant topical anesthetic.....	255	Dillon, J. B.: Continuous spinal anesthesia; modification for control of dosage.....	631
Binger, Grace: Convulsions produced by fetal anoxia; experimental study.....	10	Doud, E. A.: Fatal fat embolism: case report.....	291
Bishop, H. F.: Abducens nerve palsy following spinal anesthesia.....	296	Use of curare for abdominal surgery in seriously injured patients.....	522
Operating room deaths.....	651	Drew, J. H.: Clinical studies on morphine. II. The effect of morphine upon the circulation of man and upon the circulatory and respiratory responses to tilting.....	44
Booker, W. M.: Observations on the carbohydrate metabolism during prolonged pentothal anesthesia in dogs: I. The blood sugar and the liver glycogen.....	405	Dripps, R. D.: Clinical studies on morphine. II. The effect of morphine upon the circulation of man and upon the circulatory and respiratory responses to tilting.....	44
Bourne, Wesley: Pure ether and impurities: a review....	599	Histamine-like action of curare and tubocurarine injected intracutaneously and intra-arterially in man.....	260
Brown, H. O.: Analysis of 500 obstetrical cases with continuous caudal anesthesia using pontocaine.....	355	Ederstrom, H. E.: Lethal hypothermia in dogs of various ages.....	518
Burstein, Charles: Treatment of acute arrhythmias during anesthesia by intravenous procaine....	113	Editorial.....	668
Case, Evelyn, H.: Effect of various surgical positions on vital capacity.....	29	Editorial: Graduate education.....	561
Christensen, Eunice M.: Alveolar and arterial oxygen contents during oropharyngeal oxygen therapy..	399	Editorial (Lawrence, Walter): Regional meetings of anesthesiologists; their purpose and advantages.....	80
Clement, F. W.: Nitrous oxide-oxygen anesthesia.....	616	Editorial (Lundy, J. S.): Presidential address.....	441
Cole, Frank: A new lethal dose of curare, with some observations on the pathology produced by large doses.....	190	Editorial (Tovell, R. M.): Opportunities in anesthesiology within the veterans administration.....	310
Comroe, J. H., Jr.: Clinical studies on morphine. II. The effect of morphine upon the circulation of man and upon the circulatory and respiratory responses to tilting.....	44	Editorial (Waters, R. M.): Organization and anesthesiology.....	198
Histamine-like action of curare and tubocurarine injected intracutaneously and intra-arterially in man.....	260	Etsten, B.: Stages and signs of pentothal anesthesia: physiologic basis.....	536
Conroy, Loretta: Prothrombin time and anesthesia: clinical investigation on the effects of ether and spinal anesthesia on the prothrombin level of the blood.....	276	Faulconer, Albert, Jr.: Atelectasis during operations on the upper urinary tract.....	635
Cullen, S. C.: Alveolar and arterial oxygen contents during oropharyngeal oxygen therapy..	399	Faust, F. L.: Repeated sympathetic blocks: their limitation and value.....	161
DeBoer, Benjamin: Lethal hypothermia in dogs of various ages.....	518	Fender, F. A.: Convulsions produced by fetal anoxia; experimental study.....	10
Dietrich, W. C.: A search for the least irritant topical anesthetic.....	255	Fitzgerald, J. E.: Analysis of 500 obstetrical cases with continuous caudal anesthesia using pontocaine.....	355
		Feregger, Richard: The rotameter in anesthesia.....	549
		Use of endotracheal tube in therapy of post-traumatic pulmonary secretions...	285
		Gaines, T. R.: Atelectasis during operations on the upper urinary tract.....	635

Genauer, M. B.: Postoperative heat stroke.....	302	Levy, Sol: Prothrombin time and anesthesia: clinical investigation on the effects of ether and spinal anesthesia on the prothrombin level of the blood.....	276
Gill, R. C.: Curare: misconceptions regarding the discovery and development of the present form of the drug.....	14	Livingstone, H. M.: Effect of pentothal alone and in combination with oxygen or nitrous oxide-oxygen on arterial blood gases.....	505
Gilliom, L. A.: Clinical study of carbon dioxide absorption during anesthesia.....	375	Lundy, J. S.: A blood transfusion service; dangers and safeguards.....	122
Gordh, Torsten: Question of cerium oxalate as a prophylactic against postoperative vomiting...	526	Editorial: Presidential address.....	441
Greenfield, Irving: Convulsions during ether anesthesia controlled by curare (intocostrin).....	299	Mayer, E. C. Jr.: Further experiences with endotracheal ether-air anesthesia for intrathoracic surgery.....	32
Grove, J. S.: Atelectasis during operations on the upper respiratory tract.....	635	Melville, K. I.: On the pressor activity and stability of different mixtures of ephedrine and pituitary (posterior lobe) extract.....	176
Harmel, M. H.: Anesthesia in the surgical treatment of congenital pulmonic stenosis.....	477	Mousel, L. H.: Anesthetic complications and their management.....	69
Harroun, P.: Curare and nitrous oxide anesthesia for lengthy operations.....	24	Clinical study of carbon dioxide absorption during anesthesia.....	375
Hathaway, H. R.: Curare and nitrous oxide anesthesia for lengthy operations.....	24	Neff, W. B.: Convulsions produced by fetal anoxia; experimental study.....	10
Herreros, L. G.: Regional anesthesia by the intravenous route (slight modification of Bier's method).....	558	Neff, William: Further experiences with endotracheal ether-air anesthesia for intrathoracic surgery.....	32
Himwich, H. E.: Stages and signs of pentothal anesthesia: physiologic basis.....	536	Pender, J. W.: A combined anesthesia record and statistical card.....	606
Holaday, D. A.: Nitrous oxide-cyclopropane-curare anesthesia; a review of 200 cases.....	426	Potter, J. K.: Pontocaine-dextrose-ephedrine for spinal anesthesia.....	499
Irwin, C. I.: Acute aseptic meningitis following paravertebral lumbar sympathetic blocks...	422	Roche, G. K. T.: Anaesthesia of recent injuries of the jaw and face.....	233
Krantz, J. C., Jr.: Anesthesia: XXI. n-propyl methyl ether as an inhalation anesthetic in man (preliminary report).....	663	Roman-Vega, D. A.: Efficiency of oenethyl (2, methyl amino heptane) as a vasopressor substance for spinal anesthesia.....	62
Kreiselman, Joseph: Anesthetic complications and their management.....	69	Rovenstine, E. A.: Fatal fat embolism: a case report.....	291
Lamont, Austin: Anesthesia in the surgical treatment of congenital pulmonic stenosis.....	477	Rydin, Hakan: The question of cerium oxalate as a prophylactic against postoperative vomiting.....	526
Lawrence, Walter: Editorial: Regional meetings of anesthesiologists; their purpose and advantages.....	80	Saklad, Meyer: Statistical systems in anesthesiology...	146
Leigh, M. D.: Premedication in infants and children..	611	Scheifley, C. H.: Pentothal sodium: its use in the presence of hepatic disease.....	263



Seldon, T. H.: A blood transfusion service; dangers and safeguards.....	122	Thomson, J. M.: Analysis of 500 obstetrical cases with continuous caudal anesthesia using pontocaine.....	355
Sellman, Priscilla: Statistical systems in anesthesiology....	146	Tovell, R. M.: Editorial: Opportunities in anesthesiology within the veterans administration	310
Shane, S. M.: Anesthesia: XXI. n-propyl methyl ether as an inhalation anesthetic in man (preliminary report).....	663	Urry, Audrey G.: Alveolar and arterial oxygen contents during oropharyngeal oxygen therapy..	399
Shaw, W. M.: Edema of the larynx. A rare complication of endotracheal anesthesia; case report.....	416	Waters, R. M.: Editorial: Organization and anesthesiology.....	198
Shortz, Gerald: Use of curare for abdominal surgery in seriously injured patients.....	522	Weiss, W. A.: Clinical study of carbon dioxide absorption during anesthesia.....	375
Smith, F. A.: Unusual incidents following spinal anesthesia: a report of two cases.....	419	Whitacre, R. J.: Pontocaine-dextrose-ephedrine for spinal anesthesia.....	499
Steinberg, Benjamin: Abducens nerve palsy following spinal anesthesia.....	296	White, Mary L. T.: Anesthesia: XXI. n-propyl methyl ether as an inhalation anesthetic in man (preliminary report).....	663
Stiles, J. A.: Effect of various surgical positions on vital capacity.....	29	Wicks, W. R.: Effect of pentothal alone and in combination with oxygen or nitrous oxide-oxygen on arterial blood gases.....	505
Stubbs, Donald: Anesthetic complications and their management.....	69	Wycoff, C. C.: Continuous spinal anesthesia; modification for control of dosage.....	631
Tainter, M. L.: The frontiers of anesthesia.....	132		

## INDEX OF AUTHORS AND TITLES OF ABSTRACTS

	PAGE		PAGE
Adams, R. C.: Anesthesia for operations on the perineum.....	338	Portable resuscitator.....	108
Curare as an aid to relaxation in anesthesia.....	348	Special shock studies.....	96
Newer anesthetic agents and methods..	476	Ansbro, F. P.: Method of continuous brachial plexus block.....	577
Principles of intravenous anesthesia with pentothal sodium.....	326	Ashworth, H. K.: Discussion on anaesthetics in tropical climates.....	597
Adams, R. C. and Dixon, C. F.: Anesthesia in thyroid surgery.....	88	August, R. V.: Continuous caudal analgesia.....	353
Addis, T., Barrett, Evalyn, Lew, W., Poo, L. J. and Yuen, D. W.: Danger of intravenous injection of protein solution after sudden loss of renal tissue.....	463	Babcock, W. W.: Improvements in the single stage operation, without colostomy for cancer of the large bowel.....	693
Adriani, John: Some hazards of anesthesia.....	454	Baptisti, Arthur, Jr.: Five years' experience with caudal anesthesia in private obstetric practice.....	211
Allen, F. M.: Intravenous obstetrical anesthesia; preliminary report.....	326	Barber, T. M.: Narcosynthesis under sodium amytal; adjunct to psychiatric diagnosis and treatment.....	455
Anonymous: The circulation in traumatic shock.....	96	Barfoot, R. J.: Continuous caudal obstetrical analgesia	327
Curare in anaesthesia.....	111		

- Barker, N. W., Cromer, H. E., Hurn, M. and Waugh, J. M.:  
The use of dicoumarol in the prevention of postoperative thrombosis and embolism with special reference to dosage and safe administration. . . . . 94
- Barratt, A. and Platts, S. H. B.:  
A short survey of trilene in general practice. . . . . 596
- Beard, John:  
The anaesthetist and the care of the surgical case. . . . . 686
- Beecher, H. K.:  
Preparation of battle casualties for surgery. . . . . 104
- Belinkoff, S.:  
Convulsions during anesthesia treated with intravenous sodium pentothal. . . . . 466
- Belinkoff, Stanton:  
Coma during and following spinal anesthesia. . . . . 215
- Bellis, C. J.:  
Cystometry after spinal anesthesia. . . . . 86
- Bennett, A. A.:  
The introduction of curare in clinical medicine; present and potential usefulness. . . . . 580
- Bettington, R. H.:  
A method for the removal of tonsils and adenoids under local anaesthesia with the patient in the recumbent position. . . . . 595
- Blades, Brian and Mousel, L. H.:  
Bronchoscopy and the surgeon. . . . . 341
- Boynton, M. H. and Taylor, E. S.:  
Complications arising in donors in a mass blood procurement project. . . . . 98
- Brewer, Lyman, Burbank, Benjamin, Samson, P. C. and Schiff, C. A.:  
The "wet lung" in war casualties. . . . . 460
- Bulbring, Edith and Wajda, Isabella:  
Biological comparison of local anaesthetics. . . . . 324
- Burn, J. H.:  
The maintenance of blood-pressure in anaesthesia. . . . . 596  
The testing of local anaesthetics. . . . . 594
- Clark, S. S.:  
Obstetrical anesthesia. . . . . 327  
Review of spinal "pentothal" anesthesia. . . . . 692
- Cole, Versa V. and Hulpieu, H. R.:  
A method for determining the relative anticonvulsive activity of barbiturates. . . . . 457
- Collon, David:  
Maxillary block anesthesia. . . . . 694
- Cooper, W. G., II, Zumwalt, Wilma, and Sugarbaker, E. D.:  
A limited comparison of continuous spinal and general ether anesthesia. . . . . 85
- Corson, E. F. and Rouse, G. P., Jr.:  
Contact dermatitis from morphine. A series of cases among workers in a drug factory. . . . . 683
- Corson, S. A., Koppányi, Theodore and Vivino, A. E.:  
Studies on barbiturates. XXVIII. Effect of succinate and fumarate in experimental barbiturate poisoning. . . . . 456
- Cotlove, Ernest and Vorzimer, Jefferson:  
Serial prothrombin estimations in cardiac patients: diagnostic and therapeutic implications: use of dicoumarol. . . . . 467
- Crook, C. E., Job, Vivian and Coller, F. A.:  
Correction of blood loss during surgical operations. . . . . 463
- Crouch, D. M. E. and Merry, Edith, S. M.:  
Epidural analgesia for caesarean section. . . . . 583
- Culpepper, A. L.:  
A report on terminal obstetrical anesthesia using low spinal block. . . . . 353
- Cyrilla, Sister M.:  
Continuous drip pentothal sodium with supplementary anesthesia. . . . . 349
- Davidson, N. R.:  
The use of sodium "vinbarbital" in obstetrics. . . . . 352
- De Takats, Geza and Fowler, E. F.:  
The problem of thrombo-embolism. . . . . 93
- Deutsch, E. V. and Herzlich, Jacob:  
Intravenous sodium pentothal as a basal anesthetic. . . . . 590
- Dodds, E. C.:  
The search for morphine substitutes. . . . . 682
- Dubin, I. N.:  
The role of ether anesthesia in the production of influenza virus pneumonia in mice. . . . . 458
- Duncum, Barbara M.:  
An outline of the history of anaesthesia, 1846-1900. . . . . 686
- Eid, F. L.:  
An unusual complication following spinal anesthesia. . . . . 87
- Eisaman, J. R. and McHenry, Thomas, III:  
Pudendal nerve block in obstetrics (perineal field block). . . . . 584
- Elam, John:  
The dangers of modern anaesthesia demand the improved status and remuneration of the anaesthetist. . . . . 583
- Evans, D. S. and Mendelssohn, K.:  
The visual measurement of blood pressure. . . . . 680
- Evans, E. I. and Rafal, H. S.:  
The treatment of clinical shock with gelatin. . . . . 95
- Evans, F. T.:  
Sepsis and asepsis in spinal analgesia. . . . . 470
- Fairclough, W. A.:  
Sixth-nerve paralysis after spinal anesthesia. . . . . 335



- Takehany, J. P.:**  
Combined anesthesia..... 222
- Feldman, M. H.:**  
Oxygen-want in general anesthesia.... 459
- Finn, W. F.:**  
Air embolism in obstetrics and gynecology..... 100
- Firth, J. B. and Stuckey, R. E.:**  
Decomposition of trilene in closed circuit anesthesia..... 110
- Flink, E. B.:**  
The distinction of hemolytic and non-hemolytic transfusion reactions..... 98
- Fraser, R. J.:**  
Continuous spinal or lumbar anaesthesia 472
- Fruin, R. L. and McLaughlin, C. W., Jr.:**  
Adult circumcision; report of 854 operations on naval recruits..... 105
- Galley, A. H.:**  
Trichlorethylene as a general anaesthetic in dental surgery: a report based on 2000 cases..... 338
- Garrod, L. P.:**  
The nature of meningitis following spinal anaesthesia and its prevention..... 590
- George, R. H.:**  
The use of single spinal injections for obstetrical anesthesia..... 591
- Goetzl, F. R.:**  
The experimental evidence for analgesic properties of antipyretic drugs; a critical review of literature with report on additional experiments..... 689
- Goodwin, J. F.:**  
Post-operative pulmonary atelectasis... 582
- Gordon, R. A.:**  
Bronchoscopy in the treatment of pulmonary atelectasis..... 456
- Gordon, R. A. and Gibbons, A. K.:**  
Clinical investigation of kemithal..... 586
- Gorham, A. P.:**  
Anaesthesia in oral and pharyngeal surgery..... 227
- Grant-Whyte, H., Busschau, H. M., Jones, C. S. and Park-Ross, M.:**  
Annual report from the department of anaesthesia, Addington Hospital, Durban, 1945..... 690
- Gray, T. C. and Halton, John:**  
A milestone in anaesthesia? (d-tubocurarine chloride)..... 679
- Griffith, H. R.:**  
Curare as an aid to the anesthetist.... 112
- Gruber, C. M. and Keyser, Goldie, A.:**  
A study of the development of tolerance and cross tolerance to barbiturates in experimental animals..... 474
- Habeeb, Alfred:**  
Choice of anesthetic in urological surgery 460
- Halton, John:**  
Kemithal anaesthesia in thoracic operations..... 578
- Hamrick, L. W., Jr.:**  
The use of demerol in obstetrics..... 573
- Hand, J. P., Jr.:**  
An analysis of the use of pentothal in seven thousand four hundred anesthetics 349
- Hand, L. V.:**  
Anesthesia for gynecologic surgery.... 102
- Hanley, B. J. and Malone, C. M.:**  
Caudal analgesia in obstetrics with special reference to repeated single blocks.... 211
- Harroun, Phyllis and Hathaway, H. R.:**  
The use of curare in anesthesia for thoracic surgery..... 453
- Hartzell, H. C. and Mininger, E. P.:**  
Bronchopneumonia following ether anesthesia in obstetrics..... 575
- Harvey, E. N.:**  
Decompression sickness and bubble formation in blood and tissue..... 457
- Helfman, H.:**  
Sodium pentothal combined anesthesia. 574
- Herdman, K. N.:**  
Acute yellow necrosis of the liver following trilene anesthesia..... 337
- Hesser, F. P. and Golland, Maurice:**  
The effects of procaine on the inhibitory factor of penicillin..... 352
- Hewer, C. L.:**  
Curare..... 595  
Trichlorethylene as an anaesthetic agent 685
- Hewson, G. F.:**  
Procaine toxicity with a report of a near fatal case..... 352
- Horne, H. O.:**  
Refrigeration anesthesia..... 232
- Howes, W. E. and Shapiro, A. L.:**  
The treatment of advanced and inoperable cancer. A resume of current trends based on a review of the literature and analysis of personal case experiences... 218
- Hudon, F.:**  
Combined anaesthesia, using pentothal, cyclopropane, nitrous oxide, oxygen.... 576
- Hunter, A. R.:**  
Spinal anaesthesia; variations in dosage required..... 471
- Ing, H. R.:**  
Synthetic substitutes for atropine..... 682
- Jarvis, F. J., Byers, W. L. and Platt, E. V.:**  
Experience in the management of the abdominal wounds of warfare..... 452
- Johnston, Florence:**  
Use of curare to relieve dysmenorrhea.. 469
- Judovich, Bernard and Nobel, Golda:**  
Relief of pain in osteoarthritis of the hip joint..... 689

- Karp, Mary:  
Anesthesia for the urological patient: a review of 973 cases. . . . . 106
- Katz, L. N., Wise, W. and Jochim, K.:  
Factors controlling the coronary circulation. . . . . 108
- Kennedy, Hughes:  
Obstetrics and pediatric meddling. . . . . 586
- Kershner, David and Shapiro, A. L.:  
Interlaminar spinal anesthesia. An alternative approach to subarachnoid puncture. . . . . 592
- Klendshog, N. C. and Witebsky, Ernest:  
Transfusion of O blood. . . . . 223
- Krantz, J. C., Jr., Evans, W. E., Jr., Carr, C. J. and Kibler, Dorothy V.:  
Anesthesia XIX. The anesthetic action of n-propyl methyl ether. . . . . 474
- Kremer, Michael:  
Meningitis after spinal analgesia. . . . . 217
- Lam, C. R. and Hooker, D. H.:  
Pulmonary embolism. . . . . 468
- Lenahan, N. E.:  
Anesthesia in thoracic surgery. . . . . 91
- Levine, William, Taller, Herman and Light, Arthur:  
Further experience with continuous caudal analgesia in obstetrics. . . . . 593
- Lewis, M. S.:  
Vinbarbital sodium for obstetric amnesia, analgesia, and anesthesia. . . . . 466
- Lieberman, S. L.:  
Intrasternal administration of pentothal sodium. . . . . 223
- Lins, H. G.:  
Extradural anesthesia. . . . . 230
- Lundy, J. S.:  
Anesthesia in shock. . . . . 346  
Endotracheal or intratracheal anesthesia 329  
An improved ring pinch clamp. . . . . 475
- Lupton, C. H., Sr. and Lupton, C. H., Jr.:  
Spinal anesthesia. . . . . 691
- Lyall, Alexander:  
Treatment of acute appendicitis: a study of 480 consecutive cases. . . . . 340
- Macintosh, R. R. and Mushin, W. W.:  
Anaesthetics research in wartime. . . . . 228
- Macintosh, R. R. and Scott, R. D.:  
Clinical trials of kemithal. . . . . 586
- Mallinson, F. B.:  
Curare in anaesthesia. . . . . 111
- Manning, G. C., Jr.:  
Homemade anaesthesia machine for small medical facilities. . . . . 227
- Markowitz, J.:  
Resuscitation under spinal anaesthesia without drugs. . . . . 587
- Massie, F. M.:  
Refrigeration anesthesia for amputation 576
- McCann, J. C.:  
Anesthesia by combined intravenous pentothal sodium and local nerve block. 324
- McLaughlin, C. W., Jr.:  
Procaine infiltration in the treatment of acute sprains. . . . . 351
- Melick, D. W.:  
Refrigeration anesthesia. . . . . 328
- Mendelson, C. L.:  
Aspiration of stomach contents into the lungs during obstetric anesthesia. . . . . 694
- Moore, D. C. and Karp, Mary:  
Intravenous alcohol in the surgical patient: a preliminary report. . . . . 109
- Morton, H. J. V.:  
Controlled-respiration anesthesia. . . . . 685  
The force of expiration as a sign in anaesthesia (abbreviated). . . . . 219
- Mousel, L. H. and Weiss, W. A.:  
Comments on anesthesia. . . . . 450
- Neese, K. E.:  
Caudal analgesia. . . . . 593
- Newell, C. E.:  
Spinal anesthesia with special reference to the use of procaine-pontocaine mixture. . . . . 592
- Newton, C. W., Jr. and Andros, G. J.:  
Continuous caudal analgesia in curettage for abortion. . . . . 210
- Nichols, T. R.:  
Inhalation anaesthesia for tonsillectomy 221
- Nicholson, M. J.:  
Anesthesia for thyroid surgery. . . . . 91
- Nicodemus, R. E., Ritmiller, LeR. F. and Ledden, L. J.:  
Continuous caudal analgesia in obstetrics on trial. . . . . 210
- Norton, J. F.:  
A mortality study of 187 deaths in 66,376 live births. . . . . 101
- O'Connor, H. A. D. and Bessie, E. M.:  
Appendicitis: a survey of the last two thousand consecutive cases. . . . . 107
- Oldham, John:  
Spinal analgesia. . . . . 471
- Organe, G. S. W.:  
The hundredth year of anaesthesia. A short survey of modern anaesthetic practice. . . . . 688
- Parmley, R. I. and Adriani, John:  
Saddle block anesthesia with "nupercaine" for obstetrics. . . . . 465
- Paton, C. N.:  
Anaesthesia in cases of ligation of patent ductus arteriosus. . . . . 354
- Phemister, D. B. and Laestar, C. H.:  
Local fluid loss, nerve stimuli and toxins in the causation of shock. . . . . 97

- Pickerell, K. L. and Richards, R. K.:  
Pentothal-metrazol antagonism. A  
method of shortening the recovery  
period following pentothal anesthesia.  
A clinical and experimental study. . . . 108
- Primrose, E. J. R. and Anderson, A. B.:  
Anaesthetic convulsions. . . . 219
- Pruitt, Marion C.:  
Intravenous anesthesia in anorectal sur-  
gery. . . . 693
- Rappaport, F.:  
An anesthetic with prolonged action. . . 578
- Rea, C. E.:  
A new plan in the operative treatment of  
patients with severe hyperthyroidism:  
the use of spinal anesthesia as an adjunct  
to their preoperative care. . . . 90
- Reimann, E. T.:  
The use of intravenous alcohol for post-  
operative analgesia and sedation. . . . 589
- Resnick, Louis:  
Heavy nupercaine spinal analgesia in  
operative obstetrics with report on 394  
cases. . . . 337
- Reynolds, J. S.:  
Cataract extraction under sodium pento-  
thal. . . . 693
- Richards, R. K. and Keuter, K. E.:  
Competitive inhibition of procaine con-  
vulsions in guinea pigs. . . . 581
- Robbins, B. H.:  
Preliminary studies of the anesthetic  
activity of fluorinated hydrocarbons. 474
- Roberts, F. W.:  
Anaesthesia for general practitioners. . 105
- Roman-Vega, D. A. and Adriani, John:  
The efficiency of "Oenethyl" (2-methyl-  
amino-heptane) as a vasopressor sub-  
stance for spinal anesthesia. . . . 215
- Rosenfeld, S. S.:  
Paracervical anesthesia for the relief of  
labor pains. . . . 325
- Rovenstine, E. A. and Strauss, Hyman:  
Anesthesia management of patients with  
respiratory paralysis requiring laparo-  
tomy. . . . 459
- Sampimon, R. L. H. and Woodruff, M. F. A.:  
Some observations concerning the use  
of hypnosis as a substitute for anes-  
thesia. . . . 573
- Sarnoff, S. J. and Arrowood, Julia G.:  
Differential spinal blocks: a preliminary  
report. . . . 692
- Schnall, M. D. and Heffernan, R. J.:  
Intrasternal infusions in obstetrical  
hemorrhage. . . . 100
- Scott, C. C. and Chen, K. K.:  
The action of 1,1-diphenyl-1-(dimethyl-  
aminoisopropyl)-butanone-2 a potent  
analgesic agent. . . . 579
- Shannon, E. W. and Gardner, W. J.:  
Pentothal sodium anesthesia in neuro-  
logic surgery. . . . 350
- Siddons, A. H. M.:  
Sympathetic block in vascular injuries. 106
- Simmons, H. J. A.:  
Preliminary investigation of the use of  
curare in anaesthetic practice and for  
treatment of spastic paralysis. . . . 595
- Slocum, H. C.:  
The relief of pain in obstetrics: a review  
of 1982 consecutive deliveries. . . . 325
- Smith, J. M.:  
Post-operative vomiting in relation to  
anaesthetic time. . . . 218
- Spira, E.:  
Depot-action of drugs; experiments, giv-  
ing special consideration to local anes-  
thetics. . . . 588
- Steinberg, Murray:  
Edema of the uvula and edema of the  
glottis—a reaction in demerol-scopola-  
mine analgesia. . . . 230
- Stern, Marvin, Papper, E. M., Bueding,  
Ernest and Rovenstine, E. A.:  
The effects of anesthesia on glucose toler-  
ance in man. . . . 221
- Strumia, M. M., Chornock, F. W., Blake,  
A. D. and Karr, W. G.:  
The use of "modified globin" from hu-  
man erythrocytes as a plasma substitute 98
- Tabois, D. W.:  
The treatment of common emergencies  
in anaesthesia. . . . 225
- Temple, R. D.:  
Some factors in handling child patients. 354
- Thomson, F. B.:  
Postoperative early rising. . . . 579
- Traut, H. F., McIvor, B. C., Howard, J.,  
Lucia, S. P. and Charvet, L.:  
The Rh factor in obstetrics. . . . 464
- Truman, S. R.:  
Oil solutions in local anesthesia: experi-  
mental appraisal. . . . 231
- Ullery, J. C.:  
Continuous spinal analgesia in cesarean  
sections: its advantages, technique, and  
an analysis of three hundred cases. . . 690
- Valle, A. B.:  
Lung abscess. An analysis of 244 cases 218
- Wainwright, G. A.:  
Experiences with pentothal during the  
first 100 days following the Normandy  
invasion. . . . 102

- Walker, B. S. and Derow, M. A.:  
The antagonism of local anesthetics  
against the sulfonamides. . . . . 328
- Warren, M. R. and Werner, H. W.:  
Acute toxicity of vasopressor amines.  
I. Effect of temperature. II. Com-  
parative data. . . . . 462
- Weaver, R. T., Adamson, D. L. and  
Johnson, F. L.:  
Spinal anesthesia in vaginal delivery.  
A report of 1,547 cases. . . . . 585
- Weiss, W. A. and Mousel, L. H.:  
Preoperative and postoperative sedation 342
- Westfall, B. A.:  
Pyruvic acid antagonism to barbiturate  
depression. . . . . 580
- White, C. M.:  
The use of nitrous oxide and oxygen for  
cavity preparations and other dental  
procedures. . . . . 222
- Whitteridge, D. and Bülbring, E.:  
Changes in activity of pulmonary recep-  
tors in anaesthesia and their influence  
on respiratory behaviour. . . . . 684
- Wikler, Abraham:  
Pain, a discussion of recent progress. . . 224
- William, P. H.:  
"Trilene" auto analgesia in dentistry. . 577
- Wintrobe, M. M.:  
The cardiovascular system in anemia:  
with a note on the particular abnormali-  
ties in sickle cell anemia. . . . . 468
- Wood, H. M., Rains, K. M. and Bramley,  
P. A.:  
Extra-oral nerve-block analgesia for  
dental extractions. . . . . 589
- Wyant, G. M.:  
(Correspondence) Acute yellow atrophy  
after trilene anaesthesia. . . . . 337
- Yaskin, H. E. and Alpers, B. J.:  
Neuropsychiatric complications follow-  
ing spinal anesthesia. . . . . 217
- Yonkman, F. F.:  
The challenge to pharmacology. . . . . 473

## BOOKS REVIEWED

- |  | PAGE |  | PAGE |
|--|------|--|------|
| Cullen, Stuart C.:<br>Anesthesia in general practice. Chi-<br>cago, The Year Book Publishers Inc.,<br>1946, pp., 260, 36 illustrations. Cloth,<br>Price, \$3.50. . . . . | 670  | Raper, Howard R.:<br>Man against pain. New York, Prentice<br>Hall, Inc., 1945, pp., 337, 25 illustra-<br>tions. Price, \$3.50. . . . .   | 202  |
| Keys, Thomas E.:<br>The history of surgical anesthesia. New<br>York, Schuman's, 1945, pp. 191, 42 illus-<br>trations. Cloth, Price, \$6.00. . . . .                      | 315  | Rolleston, Humphrey Sir and Moncrief,<br>Alan (Editors):<br>Modern anesthetic practice. London,<br>Eyre and Spottiswoode, Ltd., second<br>edition, 1946, pp. 150. Price, 12s 6d.<br>net. . . . . | 565  |

## TABLES, ILLUSTRATIONS, ETC.

- |  | PAGE     |  | PAGE          |
|--|----------|--|---------------|
| Tables—Methedrine studies. . . . .                       | 3-7      | Table—Strength of local anesthetic solu-<br>tions. . . . . | 140           |
| Table—Fetal anoxia. . . . .                              | 12       | Tables—Statistical systems in anesthesia. . . . .          | 147, 148      |
| Tables—Curare and nitrous oxide anes-<br>thesia. . . . . | 26, 27   |  | 150, 151      |
| Graph—Position and vital capacity. . . . .               | 30       |  | 153-155       |
| Sketch—Position and vital capacity. . . . .              | 30       |  | 157-159       |
| Sketches—Exhalation valve and vaporizer . . . . .        | 35       | Sketch: Sympathetic reflex arcs. . . . .                   | 162           |
| Table—Endotracheal ether-air anesthe-<br>sia. . . . .    | 40-43    | Table—Sympathetic blocks. . . . .                          | 167-170       |
| Tables—Clinical studies on morphine. . . . .             | 46-48    | Pictures—Sympathetic blocks. . . . .                       | 172, 173      |
|  | 50-53    | Tracings: Ephedrine and pituitary extract . . . . .        | 179, 181      |
|  | 55, 57   |  | 182, 184      |
| Table—Tuamine, oenethyl, octin. . . . .                  | 63       |  | 186, 188      |
| Picture—Oxygen analyzer. . . . .                         | 82       | Tables—Lethal dose of curare. . . . .                      | 191, 193, 196 |
| Pictures—Dripper for ether. . . . .                      | 83       | Picture—Stomach after large dose of cu-<br>rare. . . . .   | 195           |
| Electrocardiograms: Acute arrhythmias . . . . .          | 116, 117 |  |               |

- Pictures—Infant laryngoscope..... 206  
 Pictures—Apparatus for administering ether-air..... 207, 208  
 Tables—Anaesthesia for injuries of jaw and face..... 235, 246-249  
 Tables—Least irritant topical anesthetic... 256-258  
 Graphs—Effect of barbiturates in hepatic disease..... 265  
 Table—Prothrombin time and anesthesia. 279  
 Graphs—Prothrombin time and anesthesia 280, 281  
 Graph—Prolonged use of endotracheal tube..... 288  
 Record—Fatal fat embolism..... 294  
 Sketches—Tracheo-esophageal fistula 319, 320  
 Pictures—Apparatus for administration of ether..... 322  
 Tables—Continuous caudal anesthesia... 357-359, 364  
 366-368  
 Sketches—Technic of continuous caudal anesthesia..... 362, 363  
 Graphs—Carbon dioxide absorption. 380-384  
 388, 394, 395  
 Records—Carbon dioxide absorption... 385-387, 389  
 390, 392, 393  
 Table—Carbon dioxide absorption..... 397  
 Tables—Oropharyngeal oxygen therapy.. 401, 402  
 Graph—Arterial and alveolar oxygen.... 403  
 Graphs—Carbohydrate metabolism.. 407-411  
 Table—Nitrous oxide-cyclopropane-curare anesthesia..... 433  
 Picture—Marked intratracheal tube.... 443  
 Picture—Catheter for aspiration..... 446  
 Graphs—Anesthesia for congenital pulmonary stenosis operations..... 486, 494  
 Tables—Anesthesia for congenital pulmonary stenosis operations..... 487, 491  
 Table—Pontocaine-dextrose-ephedrine spinal anesthesia..... 501  
 Kymographs—Effect of pentothal on arterial blood gases..... 507-511  
 Tables—Effect of pentothal on arterial blood gases..... 512, 513, 515  
 Graph—Effect of pentothal on arterial blood gases..... 514  
 Table—Hypothermia in dogs..... 519  
 Graph—Hypothermia in dogs..... 520  
 Tables—Cerium oxalate and postoperative vomiting..... 530-534  
 Sketch—Section of brain showing phyletic areas..... 537  
 Graphs—Stages of anesthesia with pentothal sodium..... 541, 543  
 Table—Effect of pentothal on brain metabolism..... 545  
 Sketch—Diagram of rotameter..... 550  
 Picture—British gas machine..... 551  
 Graphs—Functioning of rotameter.. 552, 553  
 555  
 Table—Regional anesthesia by intravenous route..... 559  
 Pictures—Double tier arm support..... 570  
 Records—Combined anesthesia and statistical..... 607, 608  
 Drawing—Sorting anesthesia cards..... 609  
 Tables—Dose of drugs for infants and children..... 613  
 Tables—Oxygen pressures, relation of altitude to, etc..... 624  
 Tables—Continuous spinal anesthesia, types of cases..... 631  
 Pictures—Apparatus for diluting anesthetic solution with spinal fluid..... 633  
 Table—Atelectasis, summary of cases... 641  
 Tables—Operating room deaths.... 652, 653  
 Roentgenogram—Tube in infant bronchus 660  
 Tables—Measurements of intratracheal tubes and tracheas..... 661  
 Table—Metopryl, types of cases..... 666  
 Pictures—Stellate ganglion block.... 672, 673  
 674, 675

## MISCELLANY

	PAGE		PAGE
American Board of Anesthesiology, Inc.		Correspondence . . . . .	84, 203
Examination, change of location . .	374, 521		322, 446
Notice of examinations . . . . .	160, 267, 615		571, 676
Questions for examination . . . . .	201, 209	Current Comment . . . . .	82, 203
	259, 314		317, 443
	316		556, 671
American Society for the Advancement of		Editorials . . . . .	80, 198
General Anesthesia in Dentistry Meet-			310, 441
ing . . . . .	68		561, 668
American Society of Anesthesiologists, Inc.			
Anesthesiology Essay Contest Rules . .		Ether Centennial Celebration	
	290, 449, 548	University of Maryland, Program .	404, 504
Announcement of meeting . . . . .	498	Evidence of Practice	
Application for membership . . . . .		Medicine, resolution on . . . . .	605
No. 1, xix; No. 2, xix		Morton Centenary, resolution on . . . . .	630
No. 3, xix; No. 4, xvii		Morton Centennial Program	
No. 5, xvii; No. 6, xvii		Boston program . . . . .	415, 448
Appointments of committees . . . . .	28, 81		535, 564
	284	New England Society of Anesthesiologists	
Election of officers . . . . .	23	Officers . . . . .	440
Officers . . . . .	No. 1, xx; No. 2, ix	Ohio Society of Anesthesiologists	
	No. 3, ix; No. 4, xviii	Notice of meeting . . . . .	498
	No. 5, xxii; No. 6, xviii	Program of meeting . . . . .	175
Program of meeting . . . . .	43, 145, 678	Ohio Society of Anesthesiologists and	
Anesthesiology		American Society of Anesthesiologists,	
Binding . . . . .	9, 309	Inc.	
	440, 525, 667	Program of joint meeting . . . . .	634, 662
	No. 3, xiv; No. 5, xiii; No. 6, xiii	Ohio State Medical Association	
Case Reports . . . . .	82, 203	New section on Anesthesiology . . . . .	650
	317, 443	Pittsburgh Society of Anesthesiologists	
	556, 671	Organization of . . . . .	121



